Author Index

Alcázar, M. D., see Almela, L. 95
Almela, L.
——, López-Roca, J.-M., Candela, M. E. and Alcázar, M. D.
Separation and determination of individual carotenoids in a *Capsicum* cultivar by normal-phase high-performance liquid chromatography 95
Alvi, S. N., see Husain, S. 208
Armstrong, D. W.
—— and Jin, H. L.
Acylation effects on chiral recognition of racemic amines and alcohols by new polar and non-polar cyclodextrin derivative gas chromatographic phases 154
Armstrong, L. G., see Susic, M. 443
Auf der Mauer, A., see McLeod, A. N. 325
Baeyens, W. R. G., see Lin Ling, B. 230
Balschukat, D.
—— and Kress, E.
Use of column switching for the determination of niacinamide in compound feed 79
Barceló, D., see Durand, G. 275
Barker, S. A., see Long, A. R. 87
Bemgård, A.
—— and Blomberg, L.
Influence of adsorption at the gas–liquid interface on the determination of gas chromatographic retention indices on open-tubular columns coated with cyanosilicones 1
Benassi, C. A.
——, Semenzato, A., Zaccaria, F. and Bettero, A.
High-performance liquid chromatographic determination of free formaldehyde is cosmetics preserved with Dowicil 200 193
Berthod, A.
——, Glick, M. and Winefordner, J. D.
Sensitive, indirect photmetric detector for high-performance liquid chromatography using a light-emitting diode 305
Bettero, A., see Benassi, C.A. 193
Bhattacharyya, L.
—— and Brewer, C. F.
Isoelectric focusing studies of concanavalin A and the lentil lectin 131
Blomberg, L., see Bemgård, A. 1
Brandšteterová, E.
——, Lehotay, J., Garaj, J. and Leclercq, P.A.
High-performance liquid chromatographic determination of dibutyldithiocarbamate degradation products in cucumbers and soil 214
Brewer, C. F., see Bhattacharyya, L. 131
Budzynski, A.Z., see Swadesh, J. K. 359
Candela, M. E., see Almela, L. 95
Carlsson, A., see Tyrefors, N. 337
Chen, S.-H.
——, Wu, H.-L., Tanaka, M., Shono, T. and Funazo, K.
Simultaneous gas chromatographic determination of cyanide, iodide, nitrite, sulphide and thiocyanate anions by derivatization with pentafluorobenzyl bromide and using a kryptand as phase-transfer catalyst 257
Crooks, A. J.
——, Lee, J. M., Dowsett, A. B. and Stephenson, J. R.
Purification and analysis of infectious virions and native non-structural antigens from cells infected with tick-borne encephalitis virus 59
Cugier, P., see Morgan, D. 351
Danehower, D. A.
—— and Kelley, W. T.
Rapid extraction and high speed liquid chromatography of *Nicotiana tabacum* leaf pigments 431
Date, Y., see Tsuruta, Y. 178
Davídek, J., see Velkíšek, J. 167
Dowsett, A.B., see Crooks, A. J. 59
Du Penhoat, C., see Scalbert, A. 107
Durand, G.
—— and Barceló, D.
Determination of chlorotriazines and their photolysis products by liquid chromatography with photodiode-array and thermospray mass spectrometric detection 275
Duval, L., see Scalbert, A. 107
Dziwiński, E., see Szymanowski, J. 407
Escalona, J., see Hernandez, L. 247
Euerby, M. R.
Resolution of the neuroexitatory N-methylaspartic acid (2-methylaminosuccinic acid) enantiomers by ligand-exchange thin-layer chromatography 226
Fagan, D. T., see MacLeod, S. K. 236
Farkas, Gy., see Vigh, Gy. 11
Fritzler, M. J., see Gohill, J. 47
Funazo, K. see Chen, S.-H. 257
Gärtner, G., see Huse, K. 171
Galensa, R., see Krause, M. 287
Garaj, J., see Brandšteterová, E. 214
Georgakopoulos, P. P., see Kountourellis, J. E. 189
Glick, M., see Berthod, A. 305

Gohill, J.
——, Pauls, J. D. and Fritzler, M. J.
Purification of histone H1 polypeptides by high-performance cation-exchange chromatography 47
Górski, L., see Grochowalski, A. 160
Greiner, M.
—— and Winkelmann, G.
Rapid identification and determination of herbicolin A and B by high-performance liquid chromatography 437
Grochowalski, A.
——, Górski, L., Śliwka, I. and Lasa, J.
Gas chromatographic determination of polychlorinated dibenzo-*p*-dioxins in wood preservatives 160
Guzman, N. A., see Hernandez, L. 247
Haginaka, J.
—— and Wakai, J.
Automated precolumn derivatization of amino acids with *ortho*-phthalaldehyde using a hollow-fibre membrane reactor 317
Hamada, N., see Horie, M. 371
Hartman, P. A., see Stodola, J. D. 401
Hashimoto, T., see Kato, Y. 416
Hernandez, L.
——, Marquina, R., Escalona, J. and Guzman, N. A.
Detection and quantification of capillary electrophoresis zones by fluorescence microscopy 247
Hille, J.
Enrichment and mass spectrometric analysis of trace impurity concentrations in gases 265
Himmel, M., see Huse, K. 171
Hofmann, E., see Huse, K. 171
Honda, S., see Kakehi, K. 297
Horie, M.
——, Saito, K., Hoshino, Y., Nose, N., Hamada, N. and Nakazawa, H.
Identification and determination of sulphamethazine and N^4-acetylsulphamethazine in meat by high-performance liquid chromatography with photodiode-array detection 371
Hoshino, Y., see Horie, M. 371
Huang, I.-Y., see Swadesh, J. K. 359
Husain, S.
——, Alvi, S. N. and Rao, R. N.
High-performance liquid chromatographic separation and determination of quinalphos in technical and commercial formulations 208
Huse, K.
——, Himmel, M., Gärtner, G., Kopperschläger, G. and Hofmann, E.
Use of an activated nylon membrane (Immunodyne) as an affinity adsorbent for the purification of phosphofructokinase and phosphoglycerate kinase from yeast 171
Irgens, L. H., see Vigh, Gy. 11
Ito, K.
—— and Sunahara, H.
Ion chromatography with ultraviolet and amperometric detection for iodide and thiocyanate in concentrated salt solutions 121
Jin, H. L., see Armstrong, D. W. 154
Kakehi, K.
——, Kojima, Y., Suzuki, S. and Honda, S.
Effect of chain length of oligosaccharide in high-performance affinity chromatography of a lectin on oligosaccharide-immobilized columns 297
Kaniansky, D.
——, Zelenský, I., Valášková, I., Marák, J. and Zelenská, V.
Isotachophoretic separation of alkali and alkaline earth metal cations in water–polyethylene glycol mixtures 143
Kato, Y.
——, Nakatani, S., Kitamura, T., Yamasaki, Y. and Hashimoto, T.
Reversed-phase high-performance liquid chromatography of proteins and peptides on a pellicular support based on hydrophilic resin 416
Kelley, W. T., see Danehower, D. A. 431
Kerby, N. W., see Powell, H. A. 201
Kitamura, T., see Kato, Y. 416
Kohasi, K., see Tsuruta, Y. 178
Kojima, Y., see Kakehi, K. 297
Kopperschläger, G., see Huse, K. 171
Korf, J., see Wolf, J. H. 423
Kountourellis, J. E.
——, Markopoulou, C. and Georgakopoulos, P. P.
Separation and simultaneous determination of bamipine and salbutamol in dosage forms by high-performance liquid chromatography 189
Kraus, Lj., see Lendrath, G. 385
Krause, M.
—— and Galensa, R.
Improved chiral stationary phase based on cellulose triacetate supported on non-macroporous silica gel diol for the high-performance liquid chromatographic separation of racemic flavanones and diastereomeric flavanone glycosides 287
Kress, E., see Balschukat, D. 79
Krull, I. S., see Mhatre, R. 21
Kuo, M. S., see Yurek, D. A. 184
Kusz, P., see Szymanowski, J. 407
Lasa, J., see Grochowalski, A. 160
Latocho, Cz., see Szymanowski, J. 407
Leclercq, P. A., see Brandšteterová, E. 214
Lee, J. M., see Crooks, A. J. 59
Lee, M. L.
Journal of MicroColumn Separations 243

Lehotay, J., see Brandšteterová, E. 214
Lendrath, G.
——, Nasner, A. and Kraus, Lj.
Behaviour of vegetable phospholipids in thin-layer chromatography. Optimization of mobile phase, detection and direct evaluation 385
Li, G. P., see Yurek, D. A. 184
Ling, B. Lin, see Lin Ling, B.
Lin Ling, B.
——, Baeyens, W. R. G. and Raemdonck, A.
Application of high-performance thin-layer chromatography–fluorescence densitometry to the simultaneous determination of reduced and oxidized glutathione 230
Long, A. R.
——, Short, C. R. and Barker, S. A.
Method for the isolation and liquid chromatographic determination of eight sulfonamides in milk 87
López-Roca, J.-M-, see Almela, L. 95
McGuinness, E. T., see Porter, G. F. 69
McLeod, A. N.
——, Auf der Mauer, A. and Wood, S. P.
High-performance liquid chromatography of insulin. Accessibility and flexibility 325
MacLeod, S. K.
——, Fagan, D. T. and Scholl, J. P.
Comments on solute–solvent interactions in quantitative high-performance liquid chromatography 236
Marák, J., see Kaniansky, D. 143
Marello, B., see Morgan, D. 351
Markopoulou, C., see Kountourellis, J. E. 189
Marquina, R., see Hernandez, L. 247
Masłowska, J.
—— and Starzyński, S.
Studies on the separation of Al^{III}, Co^{III}, Cr^{III} and Fe^{III} complexes with acetylacetone by reversed-phase high-performance liquid chromatography 221
Mauer, A. auf der, see McLeod, A. N. 325
Mhatre, R.
——, Krull, I. S. and Stuting, H. H.
Determination of biopolymer (protein) molecular weights by gradient elution, reversed-phase high-performance liquid chromatography with low-angle laser light scattering detection 21
Michová, J., see Velíšek, J. 167
Monties, B., see Scalbert, A. 107
Morgan, D.
——, Cugier, P., Marello, B., Sarocka, C., Stroz, D. and Plasz, A.
Impurity profiling of clarithromycin using high-performance liquid chromatography with ultraviolet detection 351
Nakajima, K.
——, Yasuda, T. and Nakazawa, H.
High-performance liquid chromatographic determination of zinc pyrithione in antidandruff preparations based ons copper chelate formation 379
Nakatani, S., see Kato, Y. 416
Nakazawa, H., see Horie, M. 371
——, see Nakajima, K. 379
Nasner, A., see Lendrath, G. 385
Nose, N., see Horie, M. 371
Papp, E.
Fast separation of dihydro ergot alkaloids on an octylsilica column 241
Pauls, J. D., see Gohill, J. 47
Peng, S., see Scalbert, A. 107
Penhoat, C. du, see Scalbert, A. 107
Plasz, A., see Morgan, D. 351
Pokorný, J., see Velíšek, J. 167
Porter, G. F.
——, Savage, P. M. and McGuinness, E. T.
Affinity gel interactions of alcohol and polyol dehydrogenases: anomalous behaviour and structural correlations 69
Powell, H. A.
——, Kerby, N. W. and Rowell, P.
High-performance liquid chromatographic determination of the herbicide glyphosate and its metabolite (aminomethyl)-phosphonic acid and their extraction from cyanobacteria 201
Raemdonck, A., see Lin Ling, B. 230
Rao, R. N., see Husain, S. 208
Rowell, P., see Powell, H. A. 201
Saito, K., see Horie, M. 371
Sarocka, C., see Morgan, D. 351
Savage. P. M., see Porter, G. F. 69
Scalbert, A.
——, Duval, L., Peng, S., Monties, B. and Du Penhoat, C.
Polyphenols of *Quercus robur* L. II. Preparative isolation by low-pressure and high-pressure liquid chromatography of heartwood ellagitannins 107
Scholl, J. P., see MacLeod, S. K. 236
Semenzato, A., see Benassi, C. A. 193
Shono, T., see Chen, S.-H. 257
Short, C. R., see Long, A. R. 87
Śliwka, I., see Grochowalski, A. 160
Starzyński, S., see Masłowska, J. 221
Stephenson, J. R., see Crooks, A. J. 59
Stodola, J. D.
—— and Hartman, P. A.
Estimation of molecular isomer ratios of paldimycin sodium (U-70,138F) by gas chromatography 401
Stroz, D., see Morgan, D. 351
Stuting, H. H., see Mhatre, R. 21

Sunahara, H., see Ito, K. 121
Susic, M.
—— and Armstrong, L. G.
High-performance liquid chromatographic determination of humic acid in sodium aluminate solution 443
Suzuki, S., see Kakehi, K. 297
Swadesh, J. K.
——, Huang, I.-Y. and Budzynski, A.Z.
Purification and characterization of hementin, a fibrinogenolytic protease from the leech *Haementeria ghilianii* 359
Szymanowski, J.
——, Kusz, P., Dziwiński, E. and Latocha, Cz.
Degradation and analysis of oligooxyethylene glycol mono(4-*tert*.-octylphenyl) ethers in the presence of acetyl chloride 407
Tanaka, M., see Chen, S.-H. 257
Tsuruta, Y.
——, Date, Y. and Kohashi, K.
Phthalimidylbenzenesulphonyl chlorides as fluorescence labelling reagents for amino acids in high-performance liquid chromatography 178
Tyrefors, N.
—— and Carlsson, A.
Improvements in the separation and detection of acetylcholine and choline using liquid chromatography and electrochemical detection 337
Valášková, I., see Kaniansky, D. 143
Velíšek, J.
——, Davídek, J., Michová, J. and Pokorný, J.
Rapid gas chromatographic determination of volatile degradation products of glucosinolates in rapeseed oil 167
Vigh, Gy.
——, Irgens, L. H. and Farkas, Gy.
Displacement chromatography on packed capillary columns 11
Wakai, J., see Haginaka, J. 317
Winefordner, J. D., see Berthod, A. 305
Winkelman, G., see Greiner, M. 437
Wójcik, A. B.
Preliminary results on the gas chromatographic evaluation of interpenetrating polymer networks prepared from porous polymer beads 393
Wolf, J. H.
—— and Korf, J.
Improved automated precolumn derivatization reaction of fatty acids with bromomethylmethoxycoumarin as label 423
Wood, S. P., see McLeod, A. N. 325
Wu, H.-L., see Chen, S.-H. 257
Yamasaki, Y., see Kato, Y. 416
Yasuda, T., see Nakajima, K. 379
Yurek, D. A.
——, Kuo, M. S. and Li, G. P.
Assay of methylthiolincosaminide in fermentations by high-performance liquid chromatography with fluorescence detection 184
Zaccaria, F., see Benassi, C. A. 193
Zelenská, V., see Kaniansky, D. 143
Zelenský, I., see Kaniansky, D. 143